	L #	Hits	Search Text	DBs
1	L1	774	(count$3 or number) near5 (link or node or connections) near5 (manager or management) near5 (node or link or device)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
2	L3	32	2 and (@ad<"20000517" or @prad<"20000517")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
3	L2	46	(count$3 or number) near5 (link or node or connections) near5 (manager or management) near5 (node or link or device) near5 (between or from)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
4	L4	46	(count$3 or number) near5 (hop or link or node or connections) near5 (manager or management) near5 (node or link or device) near5 (between or from)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
5	L6	46	(chisholm or duncan or stevenson or grandin or gray).in. and topology and network and cause and management	US-PGPUB; USPAT; EPO; JPO; IBM_TDB

	L #	Hits	Search Text	DBs
1	L1	215	trunk and downstream and event and manager and topology	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
2	L2	123	1 and (@ad<"20000517" or @prad<"20000517")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
3	L3	214	root and downstream and event and manager and topology	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
4	L4	171	3 not 1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
5	L5	46	4 and (@ad<"20000517" or @prad<"20000517")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
6	L6	1	("2001/0051937").URPN.	USPAT
7	L7	0	("2001/0014886").URPN.	USPAT
8	L8	2	("6598033").URPN.	USPAT
9	L9	2	("6356885").URPN.	USPAT
10	L10	13	("5159685" | "5261044" | "5295244" | "5309448" | "5388189" | "5436909" | "5504921" | "5559955" | "5646864" | "5692106" | "5777549" | "5905715" | "6006016").PN.	US-PGPUB; USPAT; USOCR
11	L11	45	"5309448"	US-PGPUB; USPAT; USOCR
12	L12	2418	(root adj2 cause or trunk or bottleneck) and (event or alarm) and topology and manag$5	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
13	L13	2418	12 and ((root adj2 cause trunk bottleneck event alarm topology manag$5))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB

	L #	Hits	Search Text	DBs
14	L14	948	12 and ((root adj2 cause trunk bottleneck event alarm topology manag$5)).ti,ab.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
15	L15	807	14 and (distance or number or path or shortest or route) near5 (link or device or node or manager or management)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
16	L16	345	14 and (distance or number or path or shortest or route) near5 (link or device or node or manager or management) with (from or between)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
17	L17	192	16 and (@ad<"20000517" or @prad<"20000517")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
18	L18	184	17 not 2 not 5 not 10 not 11	US-PGPUB; USPAT; EPO; JPO; IBM_TDB
19	L19	16	18 and (709/223-224.ccls or 714/4.ccls. or 370/241-248.ccls.)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB

IEEE Search:

(root <near/2> cause or trunk or bottleneck) and (event or alarm) and topology - 12 hits

(root <near/2> cause or trunk or bottleneck or event or alarm) and topology and (distance or number or path or shortest or route) <near/5> (link or device or node or manager or management) - 59 hits

(fault or error or failure or event or alarm or fail) <near/4> (cause or causation or causal or bottleneck or trunk) and network <near/4> (manag* or monitor*) - 32 hits

topology and network and manager and (event or alarm or failure or fail or fault) and (cause or causal or causation) - 0 hits

topology and network and (manag* or monitor*) and (event or alarm or failure or fail or fault) and (cause or causal or causation) - 9 hits

topology and network and (event or alarm or failure or fail or fault) and ((root or underlying) <near/2> cause or source or trunk* or bottleneck) - 72 hits

ProQuest Search:

(root w/2 cause or trunk or bottleneck) and (event or alarm) and topology - 58 hits

("root cause" or "event correlation") and topology and (shortest or distance or number or amount or many) w/4 (link or node or device or connection) - 18 hits

tivoli and ("root cause" or "event correlation" or "fault correlation") and topology - 29 hits

openview and ("root cause" or "event correlation" or "fault correlation") and topology - 44 hits

(count* or number) w/5 (link or node or connections) w/5 (manager or management) w/5 (node or link or device) w/5 (between or from) - 21 hits

Google Search:

"root cause" "event correlation" topology - 9 hits